

Title (en)

VALVE APPARATUS AND METHOD FOR THE THERMO-ELECTRIC SAFETY PILOT FOR GAS-OPERATED APPLIANCES

Title (de)

VENTILVORRICHTUNG SOWIE VERFAHREN ZUR THERMOELEKTRISCHEN ZÜND SICHERUNG FÜR GASBETRIEBENE GERÄTE

Title (fr)

DISPOSITIF DE SOUPAPE ET PROCÉDÉ DE SÉCURISATION THERMOÉLECTRIQUE DE L'ALLUMAGE POUR APPAREILS FONCTIONNANT AU GAZ

Publication

EP 2499432 B1 20181226 (DE)

Application

EP 10782520 A 20101109

Priority

- AT 17702009 A 20091109
- AT 2010000427 W 20101109

Abstract (en)

[origin: WO2011054022A2] A valve apparatus (1) and a method for the thermo-electric safety pilot for gas-operated appliances, having a valve housing (2) which has a gas inlet (3) and at least one gas outlet (4) and in which a magnet insert (16) which exerts a magnetic force in an active state and has a movable closure part (15) for closing the flow path is provided for the selective opening of a flow path from the gas inlet (3) to the gas outlet (4), wherein a movable valve body (5) is accommodated in the valve housing (4), which valve body (5) has an inner flow channel (6) with at least one inlet opening (7) and at least one outlet opening (8) for the gas to be guided through, wherein, independently of the position of the movable valve body (5), the inlet opening (7) of the inner flow channel (6) is closed sealingly by the closure part (15) in a non-active state of the magnet insert (16).

IPC 8 full level

F23N 5/10 (2006.01); **F23N 1/00** (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP)

F23N 1/005 (2013.01); **F23N 5/102** (2013.01); **F23N 5/107** (2013.01); **F23N 5/242** (2013.01); **F23N 2231/02** (2020.01); **F23N 2231/06** (2020.01); **F23N 2231/08** (2020.01); **F23N 2231/12** (2020.01); **F23N 2235/14** (2020.01); **F23N 2235/16** (2020.01); **F23N 2235/24** (2020.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

AT 508263 A4 20101215; **AT 508263 B1 20101215**; EP 2499432 A2 20120919; EP 2499432 B1 20181226; WO 2011054022 A2 20110512; WO 2011054022 A3 20110630

DOCDB simple family (application)

AT 17702009 A 20091109; AT 2010000427 W 20101109; EP 10782520 A 20101109